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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/931,844	08/16/2001	Joerg Heilig	P5210 US	4555
24726	7590	11/12/2004	EXAMINER	
SUN MICROSYSTEMS INC 4120 NETWORK CIRCLE MS USCA12-203 SANTA CLARA, CA 95054			LIN, KELVIN Y	
			ART UNIT	PAPER NUMBER
			2142	

DATE MAILED: 11/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/931,844

Applicant(s)

HEILIG ET AL.

Examiner

Kelvin Lin

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-52 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-52 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>8/16/01</u> . | 6) <input type="checkbox"/> Other: _____  |

## Detailed Action

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-36 are rejected under 35 USC 102(e) as being anticipated by Dutta et al.,(U.S. Patent 6615212).
3. Regarding claim 1, Dutta teaches a system for accessing data stored at a remote host in a computer network, comprising:
  - a proxy server having a code section including instructions for receiving a request for data from a client (Dutta, col. 2, l. 41-43),  
and
  - making a determination whether the requested data should be rendered before transmission to the client (Dutta, col. 2, l.45-57);  
and
  - a processing server coupled to the proxy server and having a code section including instructions for receiving the rendering

determination from the proxy server(Dutta, col. 2, l.53),

- rendering the requested data, and transmitting the rendered data to the client (Dutta, col.2, l.54-55).

4. Regarding claim 2, Dutta further discloses the system of claim 1, wherein the proxy server further comprises a code section including instructions for storing the requested data in an intermediate data store if it is determined that the requested data should be rendered before transmission to the client; and the processing server further comprises a code section including instructions for retrieving data stored in the intermediate data store (Dutta, col.8, l.37-38, Dutta teaches that “ .. the transcoding proxy server locates the document in data format X. The transcoding proxy server determines format options ...”. The term “locates” means “to find by searching or examining..” – from American Heritage College Dictionary. Therefore the transcoding proxy server has the capability of sending instruction to store or retrieve document and the determination before the transmission).
5. Regarding claim 3, Dutta further discloses the system of claim 1, wherein the proxy server includes a code section including instructions for transmitting address information to the processing server, wherein the address information corresponds to the storage location of the requested data at a data server; and the processing server includes a code section containing instructions for retrieving the requested data from the data server (Dutta, col. 2, l.43-44, In the

distributed data processing system the instruction and address information for message sending and receiving is an ordinary skill in the art.).

6. Regarding claim 4, Dutta further discloses the system of claim 3, wherein the proxy server further comprises a code section containing instructions for generating a link message containing address information corresponding to the requested data; and a code section containing instructions for transmitting the link message to the client (Dutta, col. 1, l.46-47).
7. Regarding claim 5, Dutta further discloses the system of claim 4, wherein the link message further includes data type information describing the requested data (Dutta, col. 5, l.44-50).
8. Regarding claim 6, Dutta further discloses the system of claim 4, wherein the link message further includes a client identifier and a session identifier (Dutta, col. 1, l.48-55).
9. Regarding claim 7, Dutta further discloses the system of claim 3, wherein the address information of the requested data comprises a URL and the data type information comprises a MIME type (Dutta, col.6, l.61-64).
10. Regarding claim 8, Dutta further discloses the system of claim 3, wherein the client further comprises a data handler including a code section containing instructions for establishing a communication link between the client and the processing server and for receiving the rendered data from the processing server (Dutta, col. 3, l.33-36)
11. Regarding claim 9, Dutta further discloses the system of claim 1, wherein the

- proxy server includes a code section containing instructions for directly transmitting the requested data to the client upon the proxy server determining that the requested data do not have to be rendered before transmission to the client (Dutta, col.10, l.12-15).
12. Regarding claims 10-20, have similar limitations as claims 1-9. Therefore, claims 17-32 are rejected for the same reasons set forth in the rejection of claims 1-9.
13. Regarding claim 21, Dutta further discloses the method of claim 10, comprising
- pre-selecting requests for data into a first category comprising requests wherein the requested data should be rendered (Dutta, col. 8, l.33-37), and
  - a second category wherein the requested data should not be rendered (Dutta, col.9, l.18-20);
  - transmitting requests in the first category to the proxy server (Dutta, col.(Dutta, col.8, l.33-34); and
  - transmitting the requested data corresponding to requests in the second category directly to the client (Dutta, col.9, l.22-26).
14. Regarding claim 22, Dutta further discloses the method of claim 10, wherein at least the proxy server, the processing server, and the intermediate data storage are connected on a local area network (Dutta, col.3, l.54-57, col.4, l.37).
15. Regarding claims 23-34, which render the computer-based method for accessing data in computer network, have similar limitations as claims 10-22. Therefore, claims 23-34 are rejected for the same reasons set forth in the rejection of claims

10-22.

16. Regarding claim 35, Dutta further discloses a method for accessing data in a network, comprising:
- receiving a message at a processing server to render data requested by a client (Dutta, col.5, l.50-53);
  - retrieving the requested data from an intermediate data store (Dutta, col.6, l.58-60) ;
  - transmitting the requested data to the processing server(Dutta, col.5, l.66-67);
  - rendering the requested data at the processing server(Dutta, col. 6, l.1-5); and
  - transmitting the rendered data to the client (Dutta,col.6, l.42-46).
17. Regarding claim 36, Dutta further discloses the method of claim 35, wherein the processing server is instructed by a data handler running at the client to retrieve the requested data from the intermediate data store (Dutta, col.11, l.11-17).
18. Regarding claim 37, Dutta further discloses the method of claim 35, wherein the processing server receives address information corresponding to the requested data, and retrieves the requested data from a data server using the address information (Dutta, col.2, l.39-44, col.11, l.7-10).
19. Regarding claim 38, Dutta further discloses the method of claim 35, wherein the message to render data requested by the client is pre-selected (Dutta, col.9, l.6-10).

20. Regarding claim 39 , Dutta further discloses a computer program product comprising a medium configured to store or transport computer readable code for a method comprising: receiving a request for data from a client at a proxy server; determining whether the requested data have to be rendered before transmission to the client; rendering the data at a processing server; and transmitting the rendered data to the client (Dutta, col.3, l.31-53).
21. Regarding claim 40 , Dutta further discloses a proxy server comprising: a processor; a memory connected to said processor, and containing code containing instructions configured, upon execution of said instructions by the processor, to cause the proxy server to receive a data request from a client; to determine whether the data requested by the client should be rendered, and to retrieve the requested data from a data server; and to authorize a processing server to retrieve and render the requested data in accordance with the determination of the proxy server, and to transmit the rendered data to the client (Dutta, col.4, l.1-67,col. 5, l.1-19).
22. Regarding claims 39, and 41-52, have similar limitations as claims 10-22. Therefore, claims 39, and 41-52 are rejected for the same reasons set forth in the rejection of claims 10-22.



### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to application's disclosure.


- Tso et al., (Patent No. 6421733) System For Dynamically Transcoding Data Transmitted Between Computers.
- Bakshi et al., (Patent No. 6345300) Method And Apparatus For Detecting A User-Controlled Parameter from A Client Device Behind A Proxy.
- Bhagwat et al., (Patent No. 6563517) Automatic Data Quality Adjustment To Reduce Response Time In Browsing.
- Robotham et al. (Pat No. 6704024) Visual Content Browsing Using Rasterized Representation.
- IEEE – Han R. et al., "Dynamic Adaptation In An Image Transcoding Proxy For Mobile Web Browsing", IEEE Personal Communications, US, IEEE Communications Society, vol. 5, No. 6, Dec. 1, 1998.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kelvin Lin whose telephone number is 571-272-3898. The examiner can normally be reached on Flexible 4/9/5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached on 571-272-3896. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

11/1/04

  
JACK D. HARVEY  
SUPERVISORY PATENT EXAMINER